# AUTHOR INDEX

Adams, M.S., *see* Boston, H.L. et al.
Aioi, K., *see* Kuo, J. et al.
Beardall, J. (Bundoora, Vic., Australia)
Photosynsthesis and photorespiration in marine phytoplankton ..... 105
Beer, S., *see* Reiskind, J.B. et al.
Beer, S. (Tel Aviv, Israel)
Photosynsthesis and photorespiration of marine angiosperms ..... 153
Boston, H.L., Adams, M.S. and Madsen, J.D. (Madison, WI, U.S.A.)
Photosynthetic strategies and productivity in aquatic systems ..... 27
Bowes, G. (Gainesville, FL, U.S.A.)
Foreword ..... 1
Bowes, G., *see* Reiskind, J.B. et al.
Bowes, G. (Gainesville, FL, U.S.A.) and Salvucci, M.E. (Lexington, KY, U.S.A.)
Plasticity in the photosynthetic carbon metabolism of submersed aquatic macrophytes .. 232
Colman, B. (Toronto, Ont., Canada)
Photosynthetic carbon assimilation and the suppression of photorespiration in the cyanobacteria ..... 211
Cook, C.D.K., *see* Guo, Y.-H. and Cook, C.D.K.
Cooper, L.W. (Fairbanks, AK, U.S.A.)
Patterns of carbon isotopic variability in eelgrass, *Zostera marina* L., from Izembek Lagoon, Alaska ..... 329
Drake, B.G. (Edgewater, MD, U.S.A.)
Photosynthesis of salt marsh species ..... 167
Elzenga, J.T.M., *see* Prins, H.B.A. and Elzenga, J.T.M.
Guo, Y.-H. and Cook, C.D.K. (Zurich, Switzerland)
Pollination efficiency of *Potamogeton pectinatus* L. ..... 381
Hultgren, A.B.C. (Uppsala, Sweden)
Above-ground biomass variation in *Carex rostrata* Stokes in two contrasting habitats in central Sweden ..... 341
Hultgren, A.B.C. (Uppsala, Sweden)
Growth in length of *Carex rostrata* Stokes shoots in relation to water level ..... 353
Iizumi, H., *see* Kuo, J. et al.
Kuo, J. (Nedlands, Australia), Seto, K., Nasu, T. (Osaka, Japan), Iizumi, H. (Iwate, Japan) and Aioi, K. (Tokyo, Japan)
Notes on *Archaeozostera* in relation to the Zosteraceae ..... 317
Longstreth, D.J. (Baton Rouge, LA, U.S.A.)
Photosynthesis and photorespiration in freshwater emergent and floating plants ..... 287
Maberly, S.C. and Spence, D.H.N. (Fife, Gt. Britain)
Photosynthesis and photorespiration in freshwater organisms: amphibious plants ..... 267
Madsen, J.D., *see* Boston, H.L. et al.
McKee, K.L. and Mendelssohn, I.A. (Baton Rouge, LA, U.S.A.)
Response of a freshwater marsh plant community to increased salinity and increased water level ..... 301
McMillan, C. and Soong, K. (Austin, TX, U.S.A.)
An annual cycle of flowering, fruiting and seed reserve for *Halophila decipiens* Ostenfeld (Hydrocharitaceae) in Panama ..... 375
Mendelssohn, IA., *see* McKee, K.L. and Mendelssohn, I.A.

Miyachi, S., *see* Tsuzuki, M. and Miyachi, S.
Nasu, T., *see* Kuo, J. et al.
Pandey, V.N. and Srivastava, A.K. (Gorakhpur, India)
*Veronica anagallis-aquatica* L., a potential source of leaf protein ..... 385
Pip, E. (Winnipeg, Man., Canada)
Water temperature and freshwater macrophyte distribution ..... 367
Prins, H.B.A. and Elzenga, J.T.M. (Haren Gn, The Netherlands)
Bicarbonate utilization: function and mechanism ..... 59
Reiskind, J.B., Bowes, G. (Gainesville, FL, U.S.A.) and Beer, S. (Tel Aviv, Israel)
Photosynthesis, photorespiration and ecophysiological interactions in marine macroalgae ..... 131
Salvucci, M.E., *see* Bowes, G. and Salvucci, M.E.
Sand-Jensen, K. (Hillerød, Denmark)
Environmental variables and their effect on photosynthesis of aquatic plant communities ..... 5
Seto, K., *see* Kuo, J. et al.
Soong, K., *see* McMillan, C. and Soong, K.
Spalding, M.H. (Ames, IA, U.S.A.)
Photosynthesis and photorespiration in freshwater green algae ..... 181
Spence, D.H.N., *see* Maberly, S.C. and Spence, D.H.N.
Srivastava, A.K., *see* Pandey, V.N. and Srivastava, A.K.
Tsuzuki, M. and Miyachi, S. (Tokyo, Japan)
The function of carbonic anhydrase in aquatic photosynthesis ..... 85